

AMENDMENT TO THE CLAIMS

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What is claimed is:

1. (curently amended) A method for creating a language model for a speech recognition system to disambiguate~~indicate~~ characters of an Asian language, the method comprising:

for each word phrase of a list of word phrases comprising Asian characters, associating a character string of the word phrase and the word phrase with a context cue indicative of disambiguating ~~identifying~~ the character string; and

building a language model as a function of the associated word phrases and character strings.

*a* 2. (original) The method of claim 1 wherein the language model comprises a statistical language model.

3. (original) The method of claim 2 wherein the language model comprises an N-gram language model.

4. (original) The method of claim 2 wherein the language model comprises a context-free-grammar.

5. (original) The method of claim 1 wherein associating includes building a corpus of associated character strings and word phrases, and context cues, and wherein building the language model includes accessing the corpus.

6. (original) The method of claim 1 wherein associating includes associating a first character of each word phrase with the word phrase.

7. (original) The method of claim 6 wherein associating includes

associating another character of at least some of the word phrases, other than the first character, with the corresponding word phrases.

8. (original) The method of claim 7 wherein associating includes associating each character of at least some of the word phrases with the corresponding word phrases.

9. (original) The method of claim 7 wherein associating includes associating each character of each word phrase with the corresponding word phrase.

a 10. (currently amended) The method of claim 1 and further comprising adjusting a probability score for each of the associated characters ~~strings~~ and word phrases in the language model.

11. (currently amended) The method of claim 1 wherein associating includes forming a phrase comprising the character ~~string~~ of the word phrase, the word phrase and the context cue for each word phrase of the list of word phrases.

12. (cancelled)

13. (original) The method of claim 11 wherein the context cue comprises 的 in Chinese.

14. (original) The method of claim 11 wherein the context cue comprises の in Japanese.

15. (currently amended) The method of claim 1 wherein each of the word phrases is a single word comprising at least one character.

16. (original) The method of claim 15 wherein each of the character strings is a single character.

17. (original) The method of claim 1 wherein each of the character strings is a single character.

18. (currently amended) A computer readable medium having instructions, which when executed by a processor perform a method for recognizing characters when spoken, the method comprising:

a receiving input speech having a context cue phrase, the context cue phrase comprising a character string, a word phrase having the character string, and a context cue;

detecting the context cue phrase in the received input speech without prompting indicative of the character string as text; and

outputting the character string as text without the word phrase and the context cue for the detected context cue phrase.

19. (currently amended) The computer readable medium of claim 18 and further comprising instructions for ~~accessing a language model indicative of context cue phrases~~ a plurality of phrases, each phrase having a character string, a word phrase having the character string and a context cue.

20. (currently amended) The computer readable medium of claim 19 wherein the language model is indicative of probabilities of phrases consisting essentially of associated character strings, word phrases having the character strings, and context cues.

21. (original) The computer readable medium of claim 19 wherein outputting the character string includes outputting the character

string as a function of recognizing the character string using the language model.

22. (original) The computer readable medium of claim 21 wherein the language model comprises a statistical language model.

23. (original) The computer readable medium of claim 22 wherein the language model comprises an N-gram language model.

a 24. (original) The computer readable medium of claim 21 wherein outputting the character string includes outputting the character string as only a function of an N-gram of the received input speech.

25. (original) The computer readable medium of claim 21 wherein outputting the character string includes outputting the character string as a function of a comparison of a recognized character string with a recognized word phrase.

26. (original) The computer readable medium of claim 25 wherein when the recognized character string is not present in the recognized word phrase, the character string that is outputted is a character string of the recognized word phrase.

27. (original) The computer readable medium of claim 21 wherein the language model comprises a context-free-grammar.

28. (original) The computer readable medium of claim 18 wherein each of the word phrases is a single word.

29. (original) The computer readable medium of claim 28 wherein each of the character strings is a single character.

30. (original) The computer readable medium of claim 18 wherein each of the character strings is a single character.

31. (currently amended) A computer readable medium having instructions, which when executed by a processor, for recognizing character strings when spoken, the instructions comprising:

a language model indicative of context cue phrases consisting essentially of associated character strings, word phrases having the character strings and context cues; and

a recognition module for receiving data indicative of input speech, detecting the presence of context cue phrases in the input speech without prompting indicative of character strings as text, accessing the language model, and outputting a character string as text for at least some detected context cue phrases spoken by the user ~~wherein the input speech includes a word phrase having the character string and a context cue.~~

32. (currently amended) The computer readable medium of claim 31 wherein the recognition module processes detected context cue phrases differently than other input speech by outputtings only the character strings in the detected context cue phrases.

33. (original) The computer readable medium of claim 31 wherein the language model comprises a statistical language model.

34. (original) The computer readable medium of claim 31 wherein the language model comprises an N-gram language model.

35. (original) The computer readable medium of claim 31 wherein the language model comprises a context-free-grammar.

36. (original) The computer readable medium of claim 31 wherein the recognition module outputs the character string as a function of a comparison of a recognized character string with a recognized word phrase.

a 37. (original) The computer readable medium of claim 36 wherein when the recognized character string is not present in the recognized word phrase, the character string that is outputted is a character string of the recognized word phrase.

38. (original) The computer readable medium of claim 31 wherein each of the word phrases is a single word.

39. (original) The computer readable medium of claim 38 wherein each of the character strings is a single character.

40. (original) The computer readable medium of claim 31 wherein each of the character strings is a single character.

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